Re-Thinking Pre-College Math Summer 2012 Institute Discussion Structure

*MONDAY*

**4-5:30 Considering structural redesign**

1. What have the structural changes you’ve implemented allowed you to address in terms of improving student math success at your college?
2. In what ways, if any, have these structural changes enabled or supported the project work related to increasing student engagement and deepening mathematical understanding?

*TUESDAY through THURSDAY*

**9:00 – 10:00 Team caucus time**

1. Consider own college context around/experiences with the daily theme (reviewing relevant material from end of year report if available), with particular attention to the specified sub-area discussion topics
2. Identify the key aspects of relevant and substantive work in the local project that the team believes to be most significant and worth sharing with the larger group (with concrete evidence, examples)
3. Determine who is interested in representing college team in jigsaw discussions

**10:30 – Noon Small-group “jigsaw” discussions around defined sub-area topics**

1. General cross-college discussion and comparing notes about your sense of what has worked and, what hasn’t with respect to each topic
2. Based on this discussion, identify 3-5 elements of what the group thinks characterizes the most significant overall learning about this area or issue. Think about how this knowledge might be applicable across contexts. (e.g., what to do or what NOT to do based on project experiences). It may be useful to think in terms of no funding, minimal funding, fully funded environments and mark proposals appropriately.
3. Prepare and display posters summarizing these elements/conclusions

**1:30 – 2:30 Synthesis of morning discussion**

1. Review, clarify and refine the summary lists of conclusions from the morning discussions
2. Synthesize the critical elements of the overall “model” with respect to the daily theme by constructing a prioritized list of the top 5-7 overall recommendations

**2:30 – 3:30     Team caucus time, responding to each of the summary conclusions**

1. What, if anything, still seems unclear or confusing about this recommendation/conclusion?
2. Indicate whether this element is something you have addressed or plan to address at your college. If you did **NOT** include it in your work, does this recommendation seem reasonable and feasible in your particular institutional context? Why or why not?

*FRIDAY*

**9:00 – 10:30 Small-group (mixed-college) discussions around synthesized conclusions**

1. What suggestions do you have for refining and/or clarifying any of the recommendations described in the synthesized summaries across the daily themes in order to improve the coherence of the overall model
2. Which specific recommendations/conclusions do you see as most compelling and significant in terms of defining an improved version of a pre-college math program, and why?